

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 60-132767

(43)Date of publication of application : 15.07.1985

(51)Int.Cl.

B41J 3/04  
// B41J 27/00

(21)Application number : 58-241187

(71)Applicant : SEIKOSHA CO LTD

(22)Date of filing : 21.12.1983

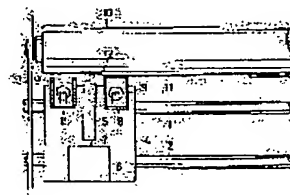
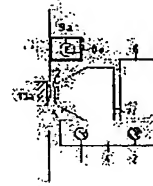
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## (54) INKJET PRINTER

## (57)Abstract:

PURPOSE: To prevent possible staining due to loading of ink or any contact following the printing by irradiating ultraviolet rays immediately after the inkjetting employing an ultraviolet ray hardening type ink for an inkjet printer.

CONSTITUTION: An ultraviolet ray hardening type ink is used for the ink to be jetted from an inkjet head. This ink is preferably composed of a photopolymerizing prepolymer (e.g. polyester acrylate), a polymerizing monomer (1,6-hexanedioldiacrylate), a reactive diluting agent for adjusting viscosity (2-ethylhexyl acrylate), an adjunct for initiating reaction (e.g. benzophenone), an intensifier (e.g. aliphatic amine), a stabilizing agent (e.g. quaternary ammonium chloride), a coloring agent and the like. The irradiation of ultraviolet rays is preferably done with a lamp 10 covering the entire width of recording paper or a lamp 9 beside the head 5 for a serial printer.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the  
examiner's decision of rejection or application converted  
registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of  
rejection][Date of requesting appeal against examiner's decision of  
rejection]

[Date of extinction of right]

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